

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020728.D
 Acq On : 01 Jul 2024 21:58
 Operator : MA/JU
 Sample : P2871-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CN4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 23:23:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	236856	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.510	136	1013036	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.375	164	682558	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1430065	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	932148	20.000	ng/u1	0.00
88) Perylene-d12	25.004	264	1020305	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	21017	3.810	ng/uL	0.00
4) Pyridine-d5	3.687	84	75564	4.701	ng/u1	0.00
7) Phenol-d5	6.922	99	460701	23.715	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	280322	22.761	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	391722	24.672	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	343187	21.751	ng/u1	0.00
21) Nitrobenzene-d5	8.887	128	192195	25.697	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	216887	28.978	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	389223	25.246	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	161728	7.485	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	1210885	25.515	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1386757	24.489	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	137753	18.998	ng/u1	0.01
60) Fluorene-d10	15.387	176	1036877	25.964	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	145615	20.205	ng/u1	0.02
73) Anthracene-d10	17.286	188	1551584	24.175	ng/u1	0.00
81) Pyrene-d10	19.674	212	1475167	26.342	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.762	264	860216	17.332	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.233	178	260435	3.478	ng/u1	99
80) Fluoranthene	19.322	202	575359	8.411	ng/u1	99
82) Pyrene	19.704	202	409709	5.840	ng/u1	96
85) Benzo(a)anthracene	21.621	228	205258	3.142	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.557	149	95105	2.351	ng/u1	99
87) Chrysene	21.686	228	228512	3.700	ng/u1	99
90) Benzo(b)fluoranthene	23.933	252	304921	4.933	ng/u1	97
91) Benzo(k)fluoranthene	23.998	252	106937m	1.710	ng/u1	
93) Benzo(a)pyrene	24.833	252	110492	1.894	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.821	276	119989m	1.603	ng/u1	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

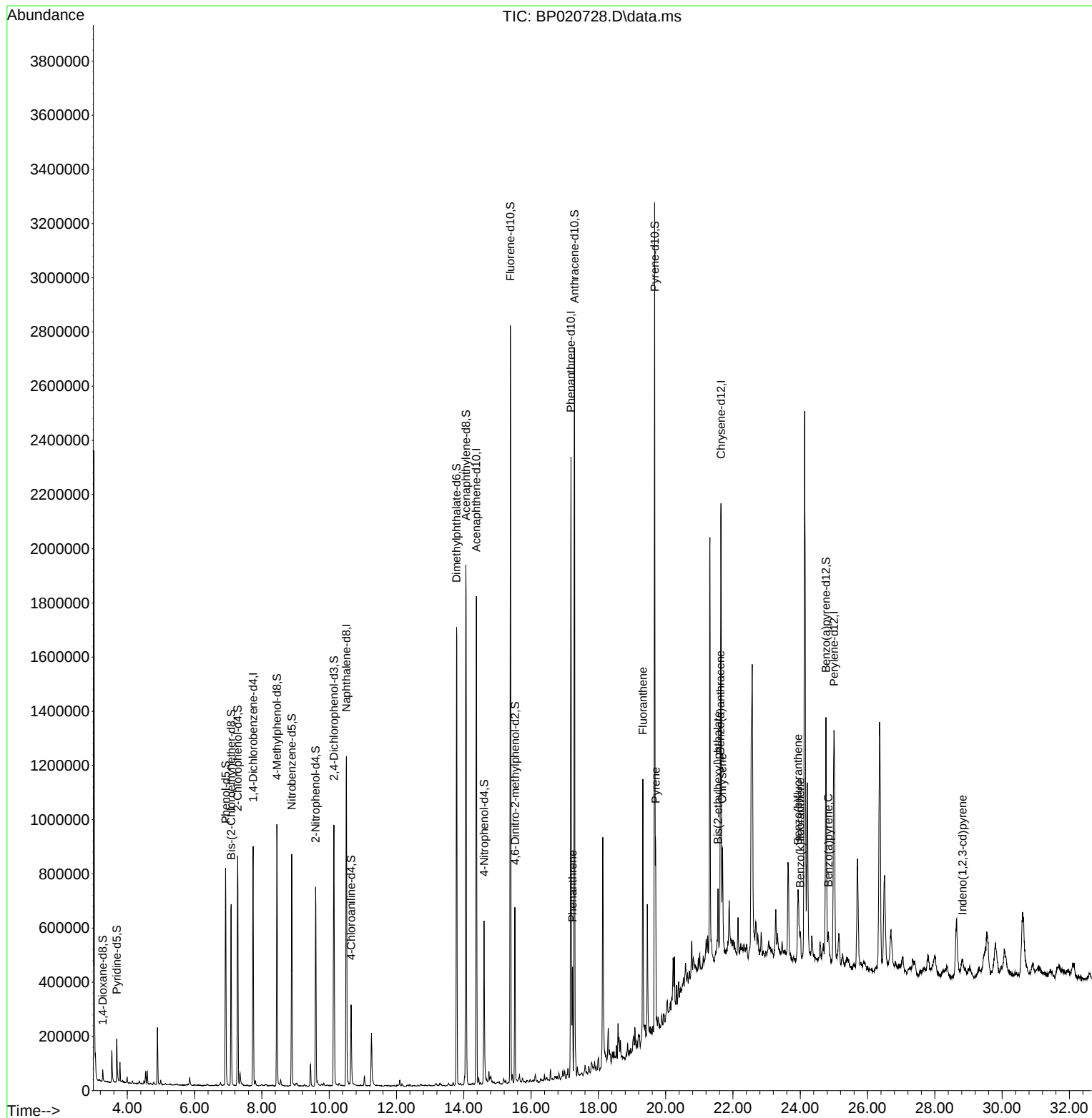
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020728.D
Acq On : 01 Jul 2024 21:58
Operator : MA/JU
Sample : P2871-14
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ALS Vial : 17 Sample Multiplier: 1

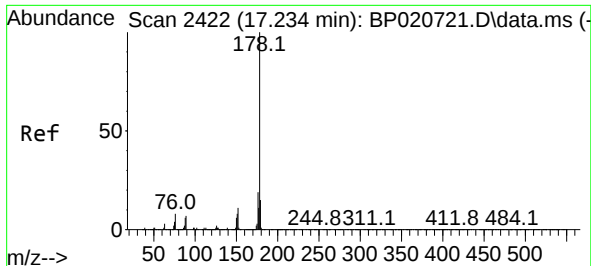
Instrument :
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Supervised By :mohammad ahmed 07/04/2024

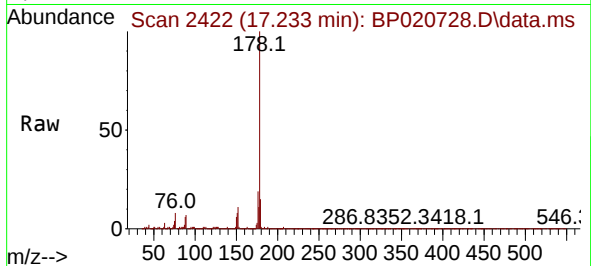
Quant Time: Jul 01 23:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.478 ng/ul
RT: 17.233 min Scan# 2422
Delta R.T. 0.006 min
Lab File: BP020728.D
Acq: 01 Jul 2024 21:58

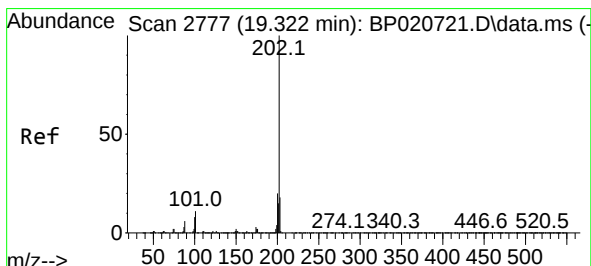
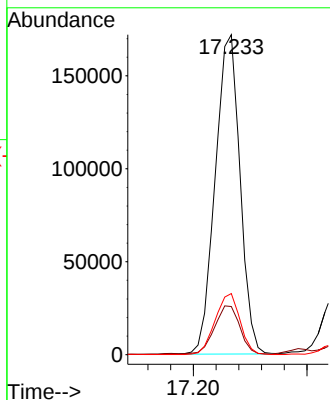
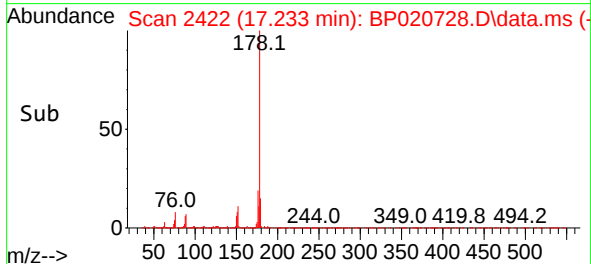
Instrument :
BNA_P
ClientSampleId :
A4CN4



Tgt Ion:178 Resp: 260435
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 19.1 15.4 23.2

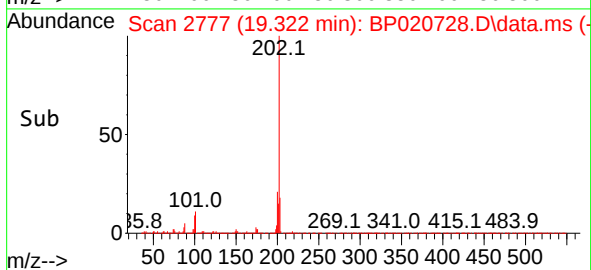
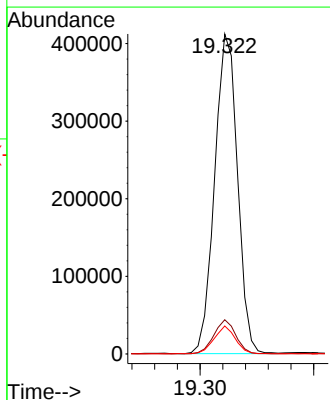
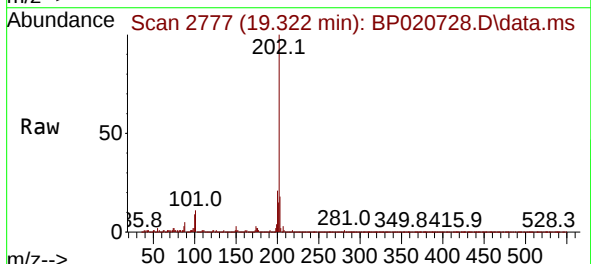
Manual Integrations
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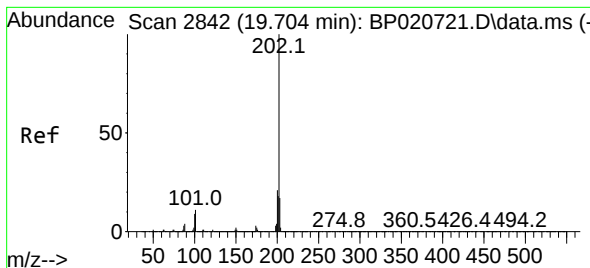
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#80
Fluoranthene
Concen: 8.411 ng/ul
RT: 19.322 min Scan# 2777
Delta R.T. -0.000 min
Lab File: BP020728.D
Acq: 01 Jul 2024 21:58

Tgt Ion:202 Resp: 575359
Ion Ratio Lower Upper
202 100
101 10.7 8.2 12.4
100 8.8 6.6 10.0





#82

Pyrene

Concen: 5.840 ng/ul

RT: 19.704 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020728.D

Acq: 01 Jul 2024 21:58

Instrument :

BNA_P

ClientSampleId :

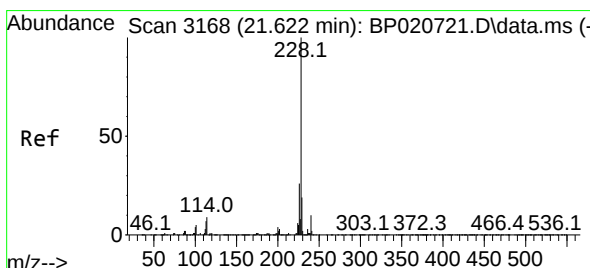
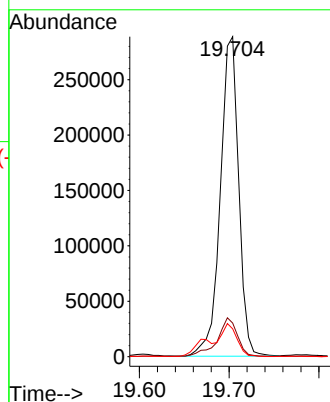
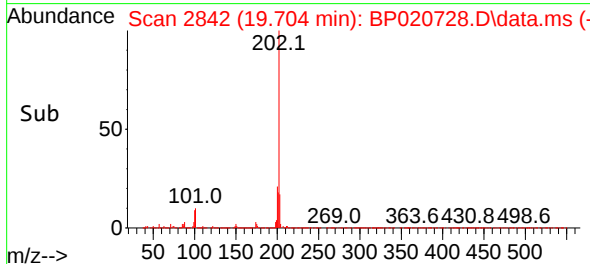
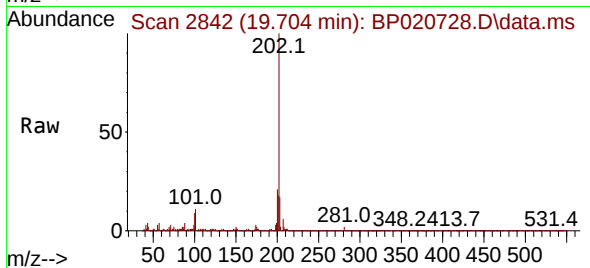
A4CN4

Tgt Ion:	202	Resp:	409709
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.8	14.8
100	8.7	7.9	11.9

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 3.142 ng/ul

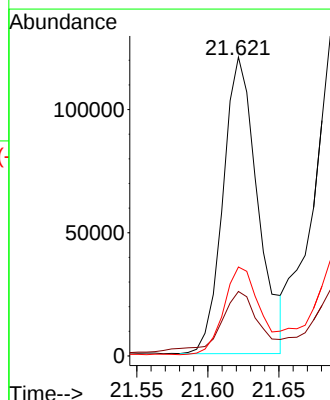
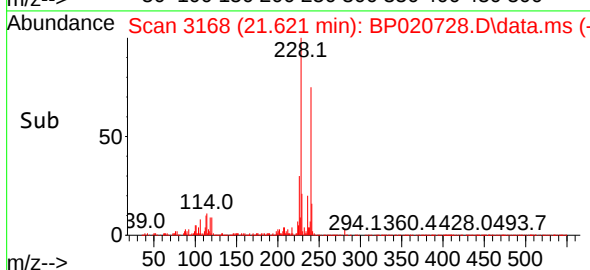
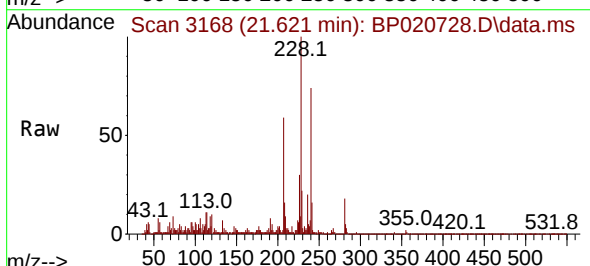
RT: 21.621 min Scan# 3168

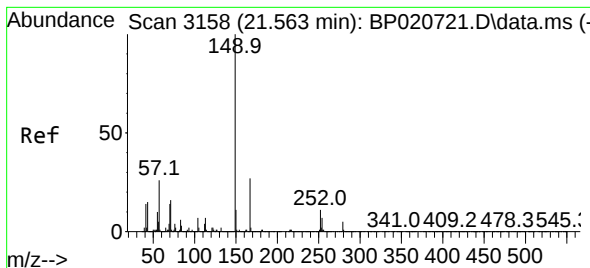
Delta R.T. -0.000 min

Lab File: BP020728.D

Acq: 01 Jul 2024 21:58

Tgt Ion:	228	Resp:	205258
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.2	22.8
226	29.8	21.1	31.7





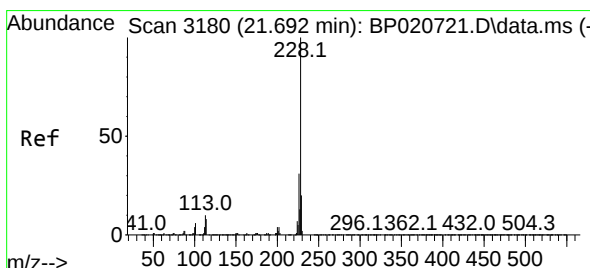
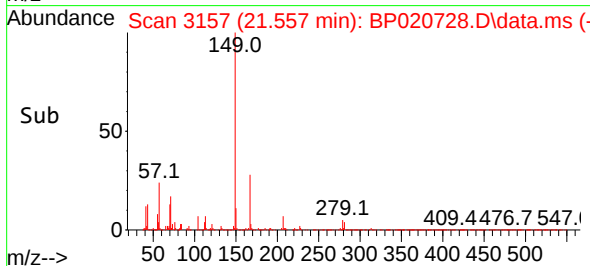
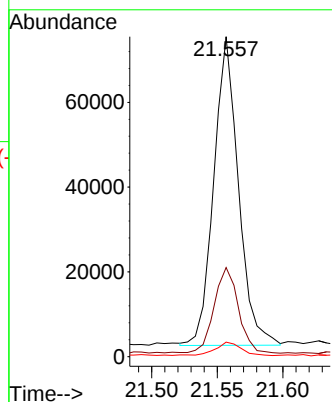
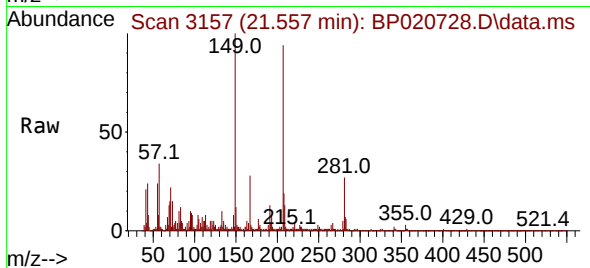
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.351 ng/ul
RT: 21.557 min Scan# 3157
Delta R.T. -0.012 min
Lab File: BP020728.D
Acq: 01 Jul 2024 21:58

Instrument :
BNA_P
ClientSampleId :
A4CN4

Tgt Ion:149 Resp: 9510
Ion Ratio Lower Upper
149 100
167 27.8 22.0 33.0
279 4.6 3.3 4.9

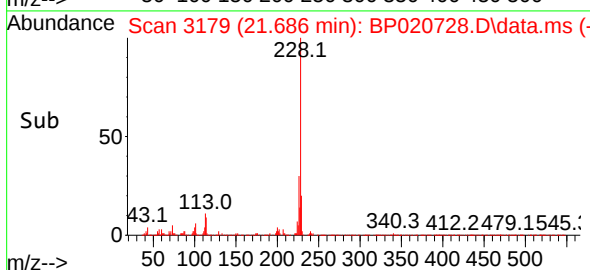
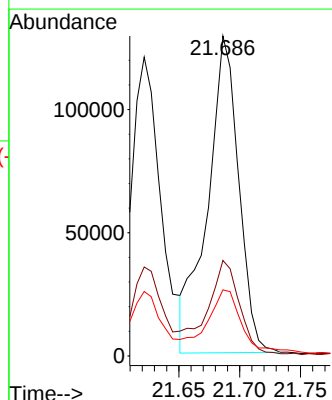
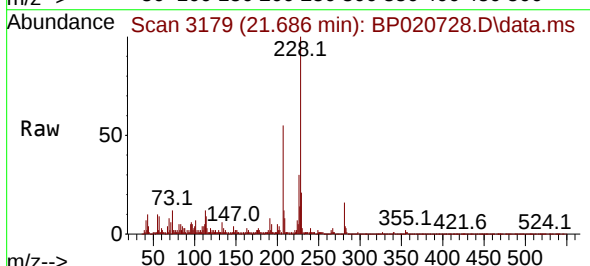
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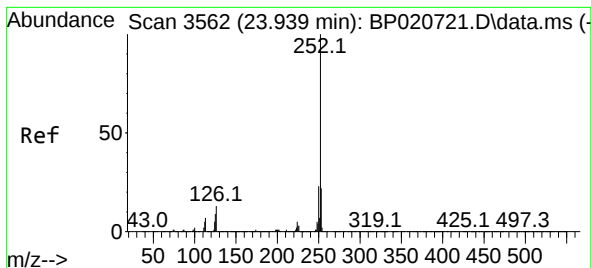
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#87
Chrysene
Concen: 3.700 ng/ul
RT: 21.686 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP020728.D
Acq: 01 Jul 2024 21:58

Tgt Ion:228 Resp: 228512
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 20.7 16.1 24.1





#90

Benzo(b)fluoranthene

Concen: 4.933 ng/ul

RT: 23.933 min Scan# 3562

Delta R.T. -0.006 min

Lab File: BP020728.D

Acq: 01 Jul 2024 21:58

Instrument :

BNA_P

ClientSampleId :

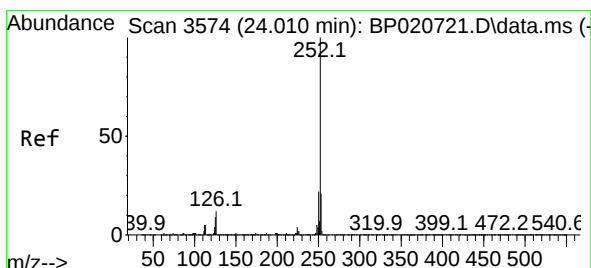
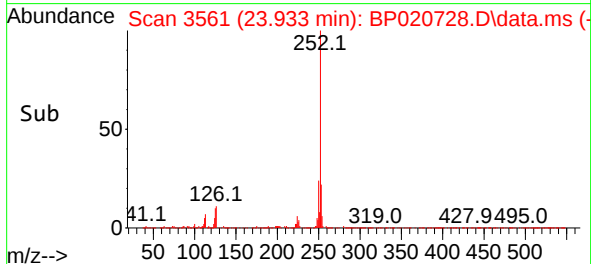
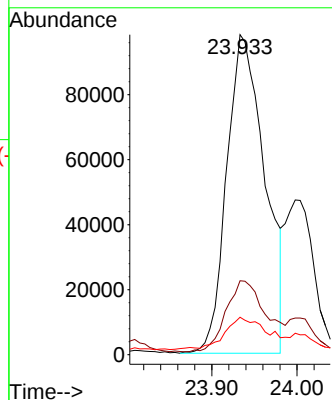
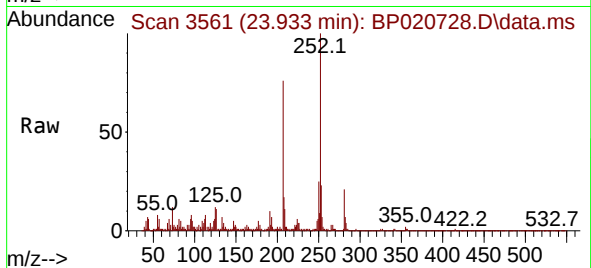
A4CN4

Tgt Ion:252	Resp: 30492
Ion Ratio	Lower Upper
252 100	
253 23.1	17.5 26.3
125 11.7	7.9 11.9

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 1.710 ng/ul m

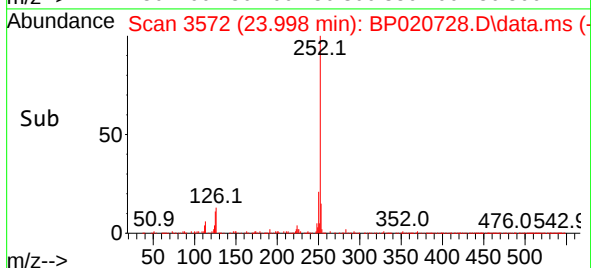
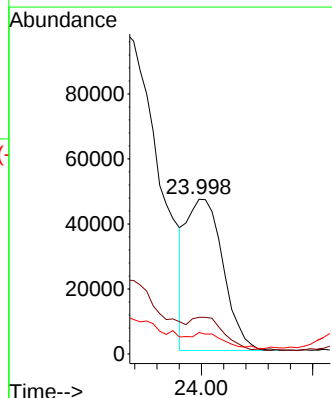
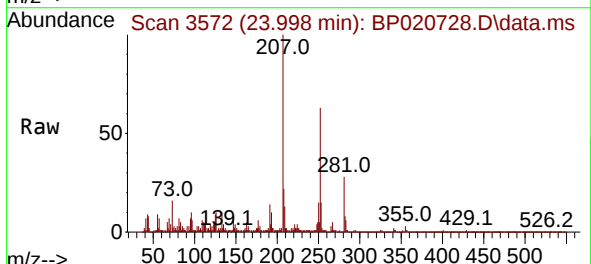
RT: 23.998 min Scan# 3572

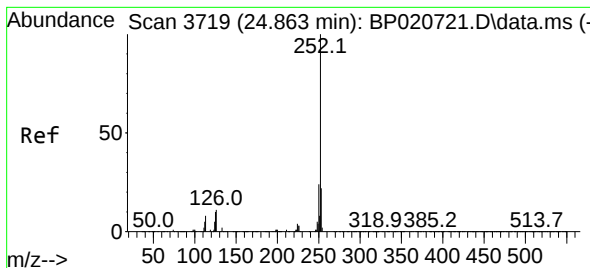
Delta R.T. -0.006 min

Lab File: BP020728.D

Acq: 01 Jul 2024 21:58

Tgt Ion:252	Resp: 106937
Ion Ratio	Lower Upper
252 100	
253 23.6	17.6 26.4
125 13.9	7.9 11.9#





#93

Benzo(a)pyrene

Concen: 1.894 ng/ul

RT: 24.833 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020728.D

Acq: 01 Jul 2024 21:58

Instrument :

BNA_P

ClientSampleId :

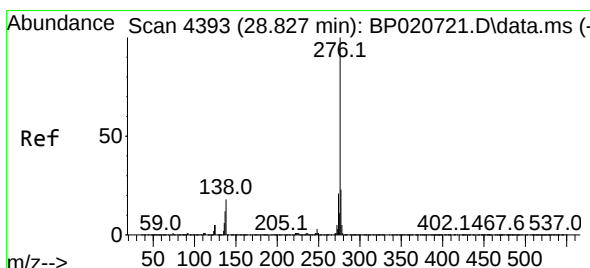
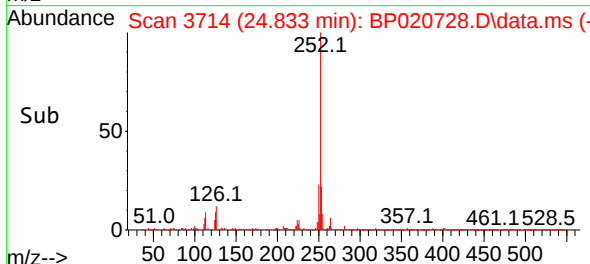
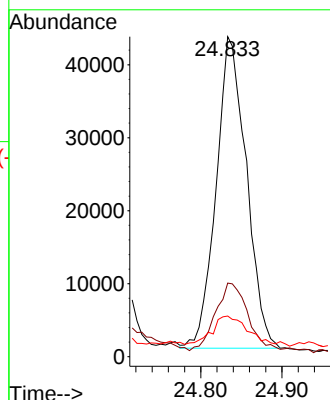
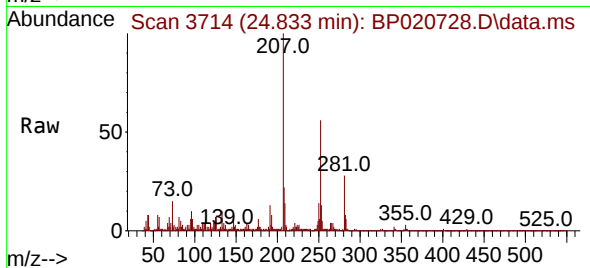
A4CN4

Tgt Ion:252 Resp: 110492
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.4 26.2
 125 12.7 8.7 13.1

Manual Integrations

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 Supervised By :mohammad ahmed 07/04/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.603 ng/ul m

RT: 28.821 min Scan# 4392

Delta R.T. 0.006 min

Lab File: BP020728.D

Acq: 01 Jul 2024 21:58

Tgt Ion:276 Resp: 119989
 Ion Ratio Lower Upper
 276 100
 138 22.1 15.2 22.8
 277 22.0 19.0 28.4

